

1 What is claimed is:

- 2 1. An oil-circulating structure for fan comprising a fan hub with a fan shaft, a fan
3 housing and an oily bearing set in the fan housing, the oily bearing having a central
4 axis hole pivoting with the fan shaft, an inner oil-collecting recess trench being
5 formed in the central axis hole of the oily bearing and having an inner thread shape
6 oil-guiding trench set inside, and an outer oil-collecting recess trench being formed
7 on the outside wall of the bearing, a first radial through hole and a second radial
8 through hole connecting the two ends of the inner thread shape oil-guiding trench
9 with the outer oil-collecting recess trench respectively, when the fan hub rotating, a
10 lubricant in the inner thread shape oil-guiding trench being driven by the rotating fan
11 shaft to flow in-and-out the outer oil-collecting recess trench through the first radial
12 through hole and the second radial through hole so as to perform oil-circulation of the
13 oily bearing.
- 14 2. The oil-circulating structure for fan in accordance with claim 1, wherein the inner
15 thread shape oil-guiding trench has a left-hand thread shape.
- 16 3. The oil-circulating structure for fan in accordance with claim 1, wherein the inner
17 thread shape oil-guiding trench has a right-hand thread shape.
- 18 4. The oil-circulating structure for fan in accordance with claim 1, wherein the outer
19 oil-collecting recess trench is an outer thread shape oil-collecting trench.